

To: [Ex. 6 - Personal Privacy]@amwater.com[Ex. 6 - Personal Privacy]@amwater.com]; Werner, Lora[Werner.Lora@epa.gov]
Cc: Arguto, William[Arguto.William@epa.gov]; [Ex. 4 - CBI] 1@dupont.com]; bucher@niehs.nih.gov[bucher@niehs.nih.gov]; Burns, Francis[Burns.Fran@epa.gov]; Capacasa, Jon[Capacasa.jon@epa.gov]; Caporale, Cynthia[Caporale.Cynthia@epa.gov]; [Ex. 6 - Personal Privacy]; christopher.weis@nih.gov[christopher.weis@nih.gov]; Clark, Becki[Clark.Becki@epa.gov]; [Ex. 6 - Personal Privacy]; Cox, Edward C MAJ USARMY NG VAARNG (US) [Ex. 6 - Personal Privacy]; [Ex. 6 - Personal Privacy]; Grant, Gregory L LTC USARMY [Ex. 6 - Personal Privacy] [Ex. 4 - CBI] Cseh, Larry F CAPT (US)[loc3@cdc.gov]; [Ex. 6 - Personal Privacy]; [Ex. 6 - Personal Privacy] McElfresh, Martha A[Martha.A.McElfresh@wv.gov]; masten@niehs.nih.gov[masten@niehs.nih.gov]; miller.aubrey@nih.gov[miller.aubrey@nih.gov]; [Ex. 4 - CBI]

Ex. 6 - Personal Privacy

Gregory[Sayles.Gregory@epa.gov]; [Ex. 6 - Personal Privacy] Singhvi, Raj[Singhvi.Raj@epa.gov]; [Ex. 6 - Personal Privacy] [Ex. 4 - CBI]

vck3@cdc.gov[vck3@cdc.gov]; Ivey, Walter M[Walter.M.Ivey@wv.gov]

From: Tierney, Letitia
Sent: Fri 1/31/2014 11:39:42 PM
Subject: RE: PPH Discussion Group

Hello all:

I just received the clarification below. Thank you. Dr. Tierney

Dr Tierney

Just one minor clarification

The calculated screening level is for PPH...not DiPPH. We do not have a NOEL for DiPPH. However because the compounds are chemically similar structures and we do have limited tox information suggesting similar or lower toxicity of DiPPH, [Ex. 5 - Deliberative]

Ex. 5 - Deliberative

Hope that makes sense?

Thanks

Vik

Dr. Vikas Kapil

Chief Medical Officer & Associate

Director for Science

National Center for Environmental Health & Agency for Toxic Substances and Disease Registry

Centers for Disease Control and Prevention

-----Original Message-----

From: Tierney, Letitia

Sent: Friday, January 31, 2014 5:38 PM

To: [Redacted: Ex. 6 - Personal Privacy] Werner.Lora@epa.gov

Cc: Arguto, William; [Redacted: Ex. 4 - CBI] bucher@niehs.nih.gov; Burns, Francis; Capacasa, Jon; Caporale, Cynthia; [Redacted: Ex. 6 - Personal Privacy] christopher.weis@nih.gov; Clark, Becki;

[Redacted: Ex. 6 - Personal Privacy]; Cox, Edward C MAJ USARMY NG VAARNG (US);

[Redacted: Ex. 6 - Personal Privacy] Grant, Gregory L LTC USARMY (US); [Redacted: Ex. 4 - CBI]

Cseh, Larry F CAPT (US); [Redacted: Ex. 6 - Personal Privacy] McElfresh, Martha A,

masten@niehs.nih.gov; miller.aubrey@nih.gov; [Redacted: Ex. 4 - CBI]

[Redacted: Ex. 6 - Personal Privacy] [Redacted: Ex. 4 - CBI] Sayles,

Gregory; [Redacted: Ex. 6 - Personal Privacy] Singhvi, Raj; [Redacted: Ex. 6 - Personal Privacy] [Redacted: Ex. 4 - CBI]

[Redacted: Ex. 4 - CBI] vck3@cdc.gov; Ivey, Walter M

Subject: RE: PPH Discussion Group

Hello all:

I have just now received a call from the CDC with regards to a screening level of the PPH and the di-PPH. Both of them have a screening level of 1.2 ppm. The CDC encouraged us to continue to test down into the PPB range for both di-PPH and PPH. There will be an official statement coming soon and will be posted on their web site as well as being provided to us.

Thank you.

Letitia Tierney, MD JD
Commissioner Bureau of Public Health
State Health Officer
West Virginia Department of Health and Human Resources
350 Capitol Street, Room 702
Charleston, WV 25301
304-558-2971
Letitia.Tierney@WV.gov

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THANK YOU!

-----Original Message-----

From: J [Redacted: Ex. 6 - Personal Privacy]

Sent: Friday, January 31, 2014 4:06 PM

To: Werner.Lora@epa.gov

Cc: Arguto, William; [Redacted: Ex. 4 - CBI] bucher@niehs.nih.gov; Burns, Francis; Capacasa,

Jon; Caporale, Cynthia; [Ex. 6 - Personal Privacy]; christopher.weis@nih.gov; Clark, Becki;
[Ex. 6 - Personal Privacy]; Cox, Edward C MAJ USARMY NG VAARNG (US);
[Ex. 6 - Personal Privacy]; Grant, Gregory L LTC USARMY (US); Tierney, Letitia;
[Ex. 4 - CBI]; Cseh, Larry F CAPT (US); [Ex. 6 - Personal Privacy];
McElfresh, Martha A; masten@niehs.nih.gov; miller.aubrey@nih.gov; [Ex. 6 - Personal Privacy];
[Ex. 6 - Personal Privacy];
[Ex. 4 - CBI]; Sayles, Gregory; [Ex. 6 - Personal Privacy]; Singhvi, Raj;
[Ex. 4 - CBI]; vck3@cdc.gov; Ivey, Walter

M
Subject: RE: PPH Discussion Group

Thanks Lora, It would also be good to hear if there is more information on a health based standard. I will set up a conference call for Monday starting at 10:30 am.

Regards,

[Ex. 6 - Personal Privacy]

President
West Virginia American Water
1600 Pennsylvania Avenue
Charleston, WV 25302

[Ex. 6 - Personal Privacy]

www.amwater.com

From: "Werner, Lora" <Werner.Lora@epa.gov>
To: "Grant, Gregory L LTC USARMY (US)"

[Ex. 6 - Personal Privacy], "Arguto,
William" <Arguto.William@epa.gov>,
[Ex. 4 - CBI]
"bucher@niehs.nih.gov" <bucher@niehs.nih.gov>, "Burns, Francis"
<Burns.Fran@epa.gov>, "Capacasa, Jon" <Capacasa.jon@epa.gov>,
"Caporale, Cynthia" <Caporale.Cynthia@epa.gov>,
[Ex. 6 - Personal Privacy]
"christopher.weis@nih.gov" <christopher.weis@nih.gov>, "Clark,
Becki" <Clark.Becki@epa.gov>, [Ex. 6 - Personal Privacy]
[Ex. 6 - Personal Privacy] m>, "Cox, Edward C MAJ USARMY NG
<[Ex. 6 - Personal Privacy]@mail.mil>,
[Ex. 6 - Personal Privacy] letitia.tierney@wv.gov"
<letitia.tierney@wv.gov> [Ex. 4 - CBI]
[Ex. 4 - CBI], "Cseh, Larry F CAPT (US)"
<loc3@cdc.gov>, [Ex. 6 - Personal Privacy]
[Ex. 6 - Personal Privacy], "martha.a.mcelfresh@wv.gov"
<martha.a.mcelfresh@wv.gov>, "masten@niehs.nih.gov"

<masten@niehs.nih.gov>, "miller.aubrey@nih.gov"
<miller.aubrey@nih.gov>

Ex. 6 - Personal Privacy

Ex. 4 - CBI

Ex. 4 - CBI

Sayles, Gregory

<Sayles.Gregory@epa.gov>

Ex. 6 - Personal Privacy

Ex. 6 - Personal Privacy, "Singhvi, Raj" <Singhvi.Raj@epa.gov>

Ex. 4 - CBI

vck3@cdc.gov

<vck3@cdc.gov>, "walter.m.ivey@wv.gov" <walter.m.ivey@wv.gov>

Date: 01/31/2014 04:03 PM

Subject: RE: PPH Discussion Group

Hello there

Might there be any interest in convening another call of this group sometime early next week? It might be helpful to further discuss the different analyses of waste material samples, the recent formaldehyde issues, and the status of PPH/diPPH analyses?

Thank you, Lora

Lora Siegmann Werner, MPH
Regional Director, Region 3
Division of Community Health Investigations Agency for Toxic Substances & Disease Registry
(ATSDR)/Centers for Disease Control & Prevention c/o EPA Region 3
1650 Arch Street
Mailstop 3HS00
Philadelphia, PA 19103

Desk phone: 215-814-3141

Cell phone: 215-588-9778

Fax: 215-814-3003

Emails (only need to use one): lkw9@cdc.gov and werner.lora@epa.gov

From: Grant, Gregory L LTC USARMY (US); Ex. 6 - Personal Privacy

]

Sent: Monday, January 27, 2014 7:55 PM

To: Ex. 6 - Personal Privacy; Ex. 6 - Personal Privacy; Arguto, William; Ex. 4 - CBI
bucher@niehs.nih.gov; Burns, Francis; Capacasa, Jon; Caporale, Cynthia; Ex. 6 - Personal Privacy
christopher.weis@nih.gov; Clark, Becki; Ex. 6 - Personal Privacy; Cox, Edward C MAJ
USARMY NG VAARNG (US); Ex. 6 - Personal Privacy; letitia.tierney@wv.gov;
Ex. 4 - CBI; Cseh, Larry F CAPT (US); Ex. 6 - Personal Privacy
martha.a.mcelfresh@wv.gov; masten@niehs.nih.gov; miller.aubrey@nih.gov; Ex. 4 - CBI

Ex. 6 - Personal Privacy

Ex. 4 - CBI

Sayles, Gregory; Ex. 6 - Personal Privacy; Singhvi, Raj;

om;

om; vck3@cdc.gov; walter.m.ivey@wv.gov; Werner, Lora

Subject: RE: PPH Discussion Group

All,

See attached. I am forwarding data on behalf of REIC.

Thanks,

Lieutenant colonel Grant:

[Ex. 6 - Personal Privacy] asked me to send these GCMS fragmentation pattern scans for the PPH to you. He figured it would be easier to email them to you and then allow you to send them to the interested parties from this morning's conference call. The draft SOP should be emailed to you sometime tomorrow. If you need anything else, please be sure to let [Ex. 6 - Personal Privacy] know.

[Ex. 6 - Personal Privacy]

Quality Program Manager

[Ex. 6 - Personal Privacy]

225 Industrial Park Road
Beaver, WV 25813

Ex. 6 - Personal Privacy

From: [Ex. 6 - Personal Privacy]

Sent: Monday, January 27, 2014 11:49 AM

To: [Ex. 6 - Personal Privacy] arguto.william@epa.gov; [Ex. 4 - CBI]

bucher@niehs.nih.gov; burns.fran@epa.gov; capacasa.jon@epa.gov; caporale.cynthia@epa.gov;

[Ex. 6 - Personal Privacy] christopher.weis@nih.gov; clark.becki@epamail.epa.gov;

[Ex. 6 - Personal Privacy] Cox, Edward C MAJ USARMY NG VAARNG (US);

[Ex. 6 - Personal Privacy] Grant, Gregory L LTC USARMY (US); letitia.tierney@wv.gov;

[Ex. 4 - CBI] Cseh, Larry F CAPT (US); [Ex. 6 - Personal Privacy]

martha.a.mcellfresh@wv.gov; masten@niehs.nih.gov; miller.aubrey@nih.gov; [Ex. 4 - CBI]

[Ex. 6 - Personal Privacy]

[Ex. 4 - CBI] sayles.gregory@epa.gov; [Ex. 6 - Personal Privacy]; singhvi.raj@epa.gov;

[Ex. 6 - Personal Privacy] [Ex. 4 - CBI] vck3@cdc.gov;

walter.m.ivey@wv.gov; werner.lora@epa.gov

Subject: PPH Discussion Group

Attached is MATRIC's PPH and DiPPH GC Spectra.

<<...>>

Best Regards

[Ex. 6 - Personal Privacy]

[Ex. 6 - Personal Privacy] PROCESS ENGINEER

MATRIC | Mid-Atlantic Technology, Research & Innovation Center

[Ex. 6 - Personal Privacy]

P.O. Box 8396, South Charleston, WV 25303 www.matricinnovates.com | Twitter | LinkedIn ----Original Appointment----

From: [Ex. 6 - Personal Privacy]

Sent: Saturday, January 25, 2014 5:44 PM

To: arguto.william@epa.gov; [Ex. 4 - CBI] bucher@niehs.nih.gov; burns.fran@epa.gov;

capacasa.jon@epa.gov; caporale.cynthia@epa.gov; [Ex. 6 - Personal Privacy] christopher.weis@nih.gov;

clark.becki@epamail.epa.gov; [Ex. 6 - Personal Privacy]

[Ex. 6 - Personal Privacy]

letitia.tierney@wv.gov; [Ex. 4 - CBI] loc3@cdc.gov; [Ex. 6 - Personal Privacy] @amwater.com;

[Ex. 6 - Personal Privacy] martha.a.mcellfresh@wv.gov; masten@niehs.nih.gov;

miller.aubrey@nih.gov; [Ex. 4 - CBI]

[Ex. 4 - CBI]

sayles.gregory@epa.gov;

[Redacted]; singhvi.raj@epa.gov; [Redacted] **Ex. 4 - CBI**
[Redacted] **Ex. 4 - CBI** vck3@cdc.gov; walter.m.ivey@wv.gov; werner.lora@epa.gov
Subject: Conference Call -- PPH Discussion Group [Redacted] **Ex. 6 - Personal Privacy**
When: Sunday, January 26, 2014 10:00 AM-11:00 AM Eastern.
Where:
Description
Conference Call Information:
Dial In:
Meeting: [Redacted] **Ex. 6 - Personal Privacy**

All,

REIC Laboratory reports they can detect PPh/DiPPH at less than 10ppb with 20 ml of sample. We are providing them with historic samples from 10-13 Jan so they can look back at those samples for PPh/DiPPH. They are reporting on the current samples at 1.04 ppb level. (Correct me if I am wrong [Redacted] **Ex. 6 - Personal Privacy**)

[Redacted] **Ex. 6 - Personal Privacy** is planning on sending out conference call regarding PPH for 10:00 a.m., Monday 27 Jan. We appreciate everyone's assistance with this incident.

Thanks,
Greg

Greg Grant, LTC, WVARNG
Commander
35th Civil Support Team (WMD)
5 Armory Drive
Saint Albans, WV. 25177

Ex. 6 - Personal Privacy

Sent from my blackberry

----- Original Message -----

From: [Redacted] **Ex. 6 - Personal Privacy**
Sent: Saturday, January 25, 2014 01:25 PM
To: arguto.william@epa.gov <arguto.william@epa.gov> [Redacted] **Ex. 4 - CBI**
[Redacted] **Ex. 4 - CBI** bucher@niehs.nih.gov <bucher@niehs.nih.gov>; burns.fran@epa.gov <burns.fran@epa.gov>; capacasa.jon@epa.gov <capacasa.jon@epa.gov>; 'caporale.cynthia@epa.gov' <caporale.cynthia@epa.gov>; [Redacted] **Ex. 6 - Personal Privacy**; christopher.weis@nih.gov <christopher.weis@nih.gov>; [Redacted] **Ex. 6 - Personal Privacy**
[Redacted] **Ex. 6 - Personal Privacy** Cox, Edward C MAJ USARMY NG VAARNG (US); [Redacted] **Ex. 6 - Personal Privacy**; Grant, Gregory L LTC USARMY (US); 'letitia.tierney@wv.gov' <letitia.tierney@wv.gov>
[Redacted] **Ex. 4 - CBI** Cseh, Larry F
>CAPT

[Redacted] **Ex. 6 - Personal Privacy**

'martha.a.mcelfresh@wv.gov' <martha.a.mcelfresh@wv.gov>; masten@niehs.nih.gov <masten@niehs.nih.gov>; miller.aubrey@nih.gov <miller.aubrey@nih.gov>;

Ex. 6 - Personal Privacy

Ex. 6 - Personal Privacy

Ex. 6 - Personal Privacy singhvi.raj@epa.gov <singhvi.raj@epa.gov>;

Ex. 6 - Personal Privacy

Ex. 4 - CBI

'vck3@cdc.gov' <vck3@cdc.gov>; 'walter.m.ivey@wv.gov' <walter.m.ivey@wv.gov>; werner.lora@epa.gov <werner.lora@epa.gov>
Cc: 'clark.becki@epamail.epa.gov' <'clark.becki@epamail.epa.gov'>; 'sayles.gregory@epa.gov' <'sayles.gregory@epa.gov'>; Ex. 4 - CBI
Subject: Re: PPH Discussion Group

Hello all - please add the three individuals in the CC distribution above to your contacts for the PPH discussion group.

Becki and Gregory are with the EPA and Ex. 6 - Personal Privacy is with the Dow Chemical Company.

Regards,

Ex. 6 - Personal Privacy

Ex. 6 - Personal Privacy

President
West Virginia American Water
1600 Pennsylvania Avenue
Charleston, WV 25302

Ex. 6 - Personal Privacy

www.amwater.com

From: Ex. 6 - Personal Privacy

To: arguto.william@epa.gov, Ex. 4 - CBI

Ex. 4 - CBI, bucher@niehs.nih.gov, burns.fran@epa.gov, capacasa.jon@epa.gov, "caporale.cynthia@epa.gov" <caporale.cynthia@epa.gov>, Ex. 6 - Personal Privacy

Ex. 6 - Personal Privacy, christopher.weis@nih.gov, Ex. 6 - Personal Privacy

<Ex. 6 - Personal Privacy>, l.mil, Ex. 6 - Personal Privacy
<letitia.tierney@wv.gov>, Ex. 6 - Personal Privacy

<letitia.tierney@wv.gov>, Ex. 4 - CBI, loc3@cdc.gov,

Ex. 6 - Personal Privacy

"martha.a.mcelfresh@wv.gov" <martha.a.mcelfresh@wv.gov>, masten@niehs.nih.gov, miller.aubrey@nih.gov, Ex. 6 - Personal Privacy

Ex. 6 - Personal Privacy com"

>, singhvi.raj@epa.gov, Ex. 4 - CBI

Ex. 6 - Personal Privacy Ex. 6 - Personal Privacy

"vck3@cdc.gov" <vck3@cdc.gov>, "walter.m.ivey@wv.gov" <walter.m.ivey@wv.gov>, werner.lora@epa.gov

Date: 01/24/2014 06:15 PM
Subject: Re: PPH Discussion Group

Corrected email for Jon Capacasa now included.

Regards,

[Redacted]

Ex. 6 - Personal Privacy

President
West Virginia American Water
1600 Pennsylvania Avenue
Charleston, WV 25302

Ex. 6 - Personal Privacy

www.amwater.com

From: **Ex. 6 - Personal Privacy**
To: ""

Ex. 6 - Personal Privacy

"martha.a.mcelfresh@wv.gov" <martha.a.mcelfresh@wv.gov>, "walter.m.ivey@wv.gov" <walter.m.ivey@wv.gov>, **Ex. 6 - Personal Privacy**

Ex. 6 - Personal Privacy

<sgross@reiclabs.com>, "letitia.tierney@wv.gov"

Ex. 6 - Personal Privacy, **Ex. 6 - Personal Privacy**
"caporale.cynthia@epa.gov"

<caporale.cynthia@epa.gov>, "vck3@cdc.gov" <vck3@cdc.gov>, **Ex. 6 - Personal Privacy**

Ex. 6 - Personal Privacy

christopher.weis@nih.gov, arguto.william@epa.gov, loc3@cdc.gov, burns.fran@epa.gov,
capacasa.john@epa.gov, bucher@niehs.nih.gov, masten@niehs.nih.gov, miller.aubrey@nih.gov,
singhvi.raj@epa.gov, werner.lora@epa.gov

Date: 01/24/2014 05:55 PM

Subject: PPH Discussion Group

This is the entire PPH discussion group as I understand it right now. REIC labs is working overnight attempting to lower the 1.2 ppm detection limit achieved by MATRIC.

Once we here from REIC in the morning we will set up another conference call for the group.

Regards,

Ex. 6 - Personal Privacy

Ex. 6 - Personal Privacy

President
West Virginia American Water
1600 Pennsylvania Avenue
Charleston, WV 25302

Ex. 6 - Personal Privacy

www.amwater.com

<< File: Untitled attachment 01343.htm >> << File: c174433.ics >>

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